



# **SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT**

## **CY2014 Annual Emissions Reporting Program**

### **Workshop**

# Agenda

- **Program Overview**
- **What's New This Year**
- **Reporting Process**
- **Frequently Asked Questions**

# Agenda

(cont.)

- **New AER Reporting Tool**
- **Questions & Answers**
- **Hands On Training**



# **Program Overview**



# **Annual Reporting Program**

## **AQMD Rule 301(e)**

- **Report annual emissions from permitted and non-permitted equipment / processes**
- **Pay emission fees for total emissions that exceeded the thresholds for:**
  - **Criteria Pollutants**
  - **24 Toxic Air Contaminants and Ozone Depleting Compounds (TACs and ODCs)**

# AB-2588 Facilities

## Annual Emissions Reporting

- Criteria pollutants, 24 toxics and ODCs
- Annual reporting
- Fees based on annual emissions

## AB2588 Program

- Public right-to-know program
- Approximately 177 toxics
- Once Every 4-year reporting
- Fees based on risks

Facility ID: 999121 · ABC Tracking Company · Reporting period: 2014

## Facility ID: 999121

## Facility Information

[General](#)[Address](#)[Other Information](#)[Contacts](#)[Operating Schedule](#)[AB2588 Facility Info](#)[Status Update](#)[Build Reporting Structure](#)[Combustion Fuels](#)[Emission Sources \(ES\)](#)[Report Process/Emissions](#)[Summaries](#)[Data Validation](#)[Print Facility Report](#)[Excel Reports](#)[Report Submission](#)

## Facility Information

This section contains your facility's general information such as business classification, business location, operating schedule and contact information. You can also inform AQMD about your business operating status changes, such as location address change, provide status update, or request an exemption from future emission reports.

## General Facility Info

Facility ID	999121
Reporting Year	2014
RECLAIM	<input checked="" type="checkbox"/>
RECLAIM Designation	R2N
Title V	<input type="checkbox"/>
AB2588	<input checked="" type="checkbox"/>
- AB2588 Phase	3
- AB2588 Reporting Year	<input checked="" type="checkbox"/>
County	ORANGE ▾
Air Basin	SOUTH COAST ▾

# Fee Exemption for TAC/ODC

- **Small dry cleaners**
  - < 2 tons/year of Perchloroethylene
- **Other small facilities**
  - < 2 tons/year (Formaldehyde, Perchloroethylene or Methylene Chloride)
  - Need to file exemption



Definition of Small Business : 10 or less employees and \$500,000 or less in annual gross receipts)

# What are the Annual Emissions Reports For?

- **Criteria and toxics emissions inventory**
- **AQMP and rule development**
- **Compliance verification**
- **Title V and RECLAIM programs**
- **Revenue projection**

# Who Should File the Report?

- **Notified by a letter**
- **Identified as:**
  - Phase 3 AB2588 facility
- **Emitted:**
  - $\geq 4$  tons/year of VOC, SPOG, NO<sub>x</sub>, SO<sub>x</sub>, or PM, or
  - $\geq 100$  tons/year of CO.

# When is the Due Date?

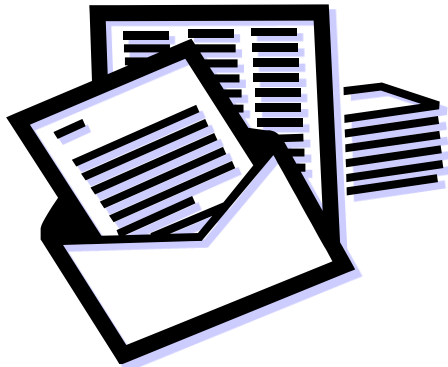
- Extended to June 4, 2015
- Data must be electronically submitted on or before due date
- Official Reports with signature must be
  - ✓ Postmarked by June 4, 2015 OR
  - ✓ Date stamped by the District as Received by 5:00 PM on June 4, 2015
  - ✓ Reports with fees submitted after June 4, 2015 will incur late payment surcharge calculated based on the original report submittal deadline of March 3, 2015



# Where Should I Submit My Report?

**Mail** - Use pre-printed return envelope and include:

- Fees Due Summary, Toxic Air Contaminants and Ozone Depleting Compounds Emissions/Fee Summary, Signature Sheet, and Facility Status Update (if applicable)
- On-Line Submittal Confirmation
- Check payable to SCAQMD for all fees due (if applicable)



**SCAQMD**

**Annual Emissions Report**

**File No. 54493**

**Los Angeles, CA 90074-4493**



# Where Should I Submit My Report?

(cont.)

- **Drop-Off – Messenger or Courier Service**



**SCAQMD**

**Annual Emissions Report**

**Attn: Finance Cashier**

**21865 Copley Drive**

**Diamond Bar, CA 91765-4178**



**What's New This Year?**

# What is New This Year?

- **Emission Fee Rates in Rule 301(e)**
- **AB2588 Quadrennial Reporting – Phase 3**
- **New AER Reporting Tool:** Requires reporting emissions at permit unit/equipment/device levels
- **Added and Updated Guidelines**
- **Refer to AER Web-Site at** <http://www.aqmd.gov/aer/aer.html> for more details

# What is New This Year?

(cont.)

- **Few Reminders**

- **Emission Data Must Be Received Electronically  
(Press the submit Button)**
- **Mail in:**
  - ✓ **Signature Sheet**
  - ✓ **Data Submittal Confirmation**
  - ✓ **Emission Fees (if any)**
  - ✓ **Other Submittal Forms**

# What is New This Year?

(cont.)

- **Reminder for TACs/ODCs Reporting Requirements:**
  - Must be reported from all equipment and processes (e.g., combustion, material usage/handling/processing, fugitives)



# **Reporting Process**

# Reporting Process

- **Read the Instructions**
  - AER Web-Site at <http://www.aqmd.gov/aer/aer.html>
- **Complete Facility Information**
- **List Combustion Fuels**
- **Define all Emission Sources**
- **Report all Processes and Associated Emissions**

# Reporting Process

(cont.)

- Review input data and calculations
- Uploading supporting documentation
- Run data validation
- Submit report and fees
- Keep copies of the completed submittal for your records





# Frequently Asked Questions



# What Emissions Should I Report?

## All Emissions from Stationary/Portable Sources

- Permitted
- Non-Permitted

# What Emissions Should I Report?

## (cont,)

- **Do Not Report:**

- On-Road and Off-Road Motor Vehicles (e.g., cars, trucks, fork lifts, construction equipment)
- State-Registered Portable Equipment
- Architectural Coatings (R1113: buildings, pavement, curb – if used in manufacturing not exempt-have to be reported)
- Utility Equipment (e.g., lawn mowers)
- Clean Air Solvents
- Non-combustion charbroilers and deep fat fryers operated by restaurants and eatery establishments directly servicing consumers

- **Do Not Report as VOC:** Exempt Materials per Rule 102 (e.g., acetone, ethane)

# What Should I Submit?

- **Signature Sheet**
- **Fees Due Summary**
- **Toxic Air Contaminants and Ozone Depleting Compounds Emissions/Fee Summary**
- **On-Line Submittal Confirmation**
- **Check payable to SCAQMD for all fees due (if applicable)**
- **Facility Status Update (if applicable)**

# What Supporting Documentation Do I Need?

- **References for non-default emission factors:**
  - CEMS Summary Data
  - Approved Source Test
  - Material Safety Data Sheet (MSDS)
  - Documentation for TAC emission factors
  - Other References (e.g, EPA AP-42)
- **Control efficiency documentation (e.g. Source test)**
- **Other documentation (Refer to Help & Support Section)**

# How Long Should I Keep My Records?

- **Minimum of 5 Years**
- **Maintain copies of:**
  - Completed report
  - Fuel/material use records
  - Throughput records
  - Source Test Reports
  - Other supporting documentation



# What Are the Program Supports?

## All Instructions Available On-Line

- District Web Site for Program Materials  
<http://www.aqmd.gov/aer/aer.html>
- Link for Help & Support  
<http://www3.aqmd.gov/webappl/help/newaer/index.html>





# What Are the Program Supports?

(cont.)

- E-mail: [aer@aqmd.gov](mailto:aer@aqmd.gov)
- Hotline: (909) 396-3660
- One-on-One Consultation  
(by appointment)





# NEW AER Reporting Tool



# New AER Reporting Procedure

- **“Device” Level Reporting [Device = Emission Source (ES)]**
  - Example 1: A permitted unit (one Application Number) consisting of a dryer and a printing press = 2 devices (2 ES)
  - Example 2: A non-permitted boiler = 1 device (1 ES)
- **Permit Profile Preloaded for Each Facility**
  - If device is not available in the AQMD database, the user must add the device (ES) with emissions

# Main Sections

The main sections have to be completed in the following order:

- 1. Facility Information**
- 2. Build Reporting Structure**
- 3. Report Process/Emissions**
- 4. Data Validation and Summaries**
- 5. Report Submission**

# Emission Source Classifications

- **External Combustion**
  - Boilers, ovens, dryers, heaters, furnaces, space heaters, afterburners, kilns, incinerator, flares
- **Internal Combustion**
  - Internal Combustion Engines (ICEs), turbines, micro turbines, engine test cells
- **Spray Coating/ Spray Booth**
  - Spray coating (open and spray booth)
- **Other Use of Organics**
  - Use of organics except in spray coating (e.g., coating, printing, adhesive application,...)

# Emission Source Classifications

(cont.)

- **Storage Tanks**
  - Storage tank and dispensing, small above and underground tanks (<10,000 gallons), tanks imported from EPA TANKS Program
- **Fugitive Components**
  - Applicable only if reporting fugitive emissions per R1173 and R1176 (e.g., valves, flanges, connectors,...)
- **Other Processes**
  - All Processes not specifically addressed by other worksheets
- **Process Upset**
  - Applicable for non-routine operations such as Upsets, Break-downs, Start-ups, Shut-downs, Turn-around and Spills

# Process/Emissions Data Entry

**Data must be completed in the following specific order:**

- 1) Identify Process**
- 2) Enter Throughput**
- 3) Select Pollutant and Enter Emission Factors**

# AER Tool Features

- Based on ES classification, at least one process is generated,
- User can add processes for multiple component devices,
- Ability to classify permitted and non-permitted emission sources,
- Intuitive in converting and displaying combustion fuel throughputs,
- All emissions (Criteria, TAC/ODC and optional GHGs) are displayed on the same screen,
- Built-in parameters for unique emission calculation methodologies,
- Import EPA TANK results,
- Upload supporting documentation,

# **AER Tool Features**

## **(cont.)**

- **Data sorting,**
- **User comment fields,**
- **Saving of partial data,**
- **Option for GHG calculation (Tier 1),**
- **Conversion calculator,**
- **References for summaries.**





# **AER Reporting Tool Demonstration**

# AER Home

**New user: One time registration**   **Registered User: Login or Reset Password**



South Coast  
Air Quality Management District

You are not logged in.

?

## Welcome to South Coast AQMD Annual Emissions Reporting (AER)

### About AQMD Annual Emissions Reporting (AER)

The South Coast Air Quality Management District's (AQMD's) Annual Emission Reporting (AER) program was developed to track emissions of air contaminants from permitted facilities. Emission fees are also assessed based on reported data. The data collected by AER is used to update the comprehensive emissions inventory for the AQMD, which includes Orange County, the non-desert portions of Los Angeles and San Bernardino counties, and the Riverside county areas west of the Palo Verde Valley.

This annual emissions inventory of pollutants and source categories is essential to effectively design and evaluate clean air strategies to comply with state and federal public health standards.

The AER is required for all facilities subject to Rule 301(e) and 301(l)(10). Additional information on the AER Program can be found at [www.aqmd.gov/aer/aer.html](http://www.aqmd.gov/aer/aer.html)

### User Login

Username:

Password:

Sign In

Forgot your username or password? [Click here to reset your password.](#)

### New User? Complete a one-time registration process.

Register here

After establishing a user account, you can access and update the AERs for your facility(ies) using AQMD-assigned access pin codes.

### Notice

All information entered on this computer system may be monitored, recorded, read, copied, and disclosed by and to authorized personnel for official purposes. Access or use of this computer system by any person, whether authorized or unauthorized, constitutes consent to these terms.

[AQMD web site Home](#) | [AER Web Site](#) | [Submit question/comment](#) | [Ecotek Web Site](#)

# User Registration

Fields with \* are required. Complete User Registration and click on **Sign Up**. After confirming the registration, the tool will acknowledge the registration as shown in the next slide. A link to confirm your registration will be e-mailed to the valid email address in the user profile.

AER Home

## User Registration

Complete the information below. Fields with \* are mandatory. Upon "Sign Up", a link will be sent to the registered email box for confirmation and direct user back to AER Program home page.

### User Profile

Username

\*

E-mail

\*

Title

First Name

\*

Last Name

\*

Password

\*

Confirm Password

\*

### Work Address

Company

\*

Street Direction

Street Number

Street Name

\*

Street Suffix

Suite

City

\*

State

California

\*

Zip

\*

Zip Four

### Work Phone

Phone Number

( )

\*

Ext.

Fax Number


( )

Sign Up

Cancel


# User Registration Cont.

## Registration acknowledgement



South Coast  
AQMD

You are not logged in.

AER Home

### Create User Complete

test aer user profile has been created.

Recommendation: Print for a record, check email to activate account, and close this window.

Username: test aer  
E-mail: aqmd.aer@gmail.com  
Title:  
First Name: test  
Last Name: aer

Work Address

# User Registration Cont.

Here is a sample of email with confirmation link.  
The link will stay valid for 72 hours.

AER website E-mail address confirmation Inbox x



aer@aqmd.gov

to me ▾

Jan 2 (11 days ago) ☆

New user was created with this E-mail on AER website. Please confirm E-mail by visiting <https://aerreportingtoolpro.aqmd.gov/Public/ConfirmUser?t=1GoHmsrkxnQKE3TgrV1JbWSkrWR0IBWU%252B1DfZ70pNII%253D>

If you didn't submit this request, ignore this email.

If you have any issues please contact us:

E-mail: [aer@aqmd.gov](mailto:aer@aqmd.gov)

AER Hotline: [909-396-3660](tel:909-396-3660)

**Upon confirmed, the tool will:**

- 1. Activate the registration,**
- 2. Log user in, and**
- 3. Take user to “Access Facility” screen (Slide #47).**




# **Forget Password**



# Reset Password

Valid email address is needed for inquiries.

South Coast  
Air Quality Management District

You are not logged in.

?

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### User Login

Know your username and password? [Back to login form.](#)

If your e-mail address is registered as valid user address, the link with additional information will be sent to you. Please check your e-mail in few minutes.

E-mail:


A link with a reset password token has been sent to [nmeskal@ecotek.com](mailto:nmeskal@ecotek.com). Please follow the link included in the email to reset password.

New User? Complete a one-time registration process.

After establishing a user account, you can access and update the AERs for your facility(ies) using AQMD-assigned access pin codes

# Reset Password Cont.

It is critical to use a valid email address for effective communication.



South Coast  
Air Quality Management District

?

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This annual emissions inventory of pollutants and source categories is essential to effectively design and evaluate clean air strategies to comply with state and federal public health standards.

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### User Login

Know your username and password? [Back to login form.](#)

If your e-mail address is registered as valid user address, the link with additional information will be sent to you. Please check your e-mail in few minutes.

E-mail:

**No record of this email has been found, please register as a user.**

New User? Complete a one-time registration process.

After establishing a user account, you can access and update the AERs for your facility(ies) using AQMD-assigned access pin codes.

### Notice



# Reset Password Cont.

Here is a sample of email with link to reset password.

**NOTE** that the registered **Username** is also included in the email.

## AER web site retrieve password token

aer@aqmd.gov

Sent: Fri 3/14/2014 9:18 AM

To: bblazicevic@ecotek.com

A password reset was requested for account with username: bblazicevic.

If you didn't submit this request, ignore this email.

Your password can be reset by visiting <http://aerreportingtoolpro.aqmd.gov/Public/ResetPassword?t=JC3Vi1S60dtLhLa8yJDNaQbPTZhVknUVtyq%252FzvzOBwzhpVM58%252Bkn6E%252FeM4XEFZ%252B%252B>

If you have any issues please contact us:

E-mail: [aer@aqmd.gov](mailto:aer@aqmd.gov)

AER Hotline: 909-396-3660

# Reset Password Cont.



South Coast AQMD Air Quality Management District

You are not logged in.

AER Home ?

### Reset User Password

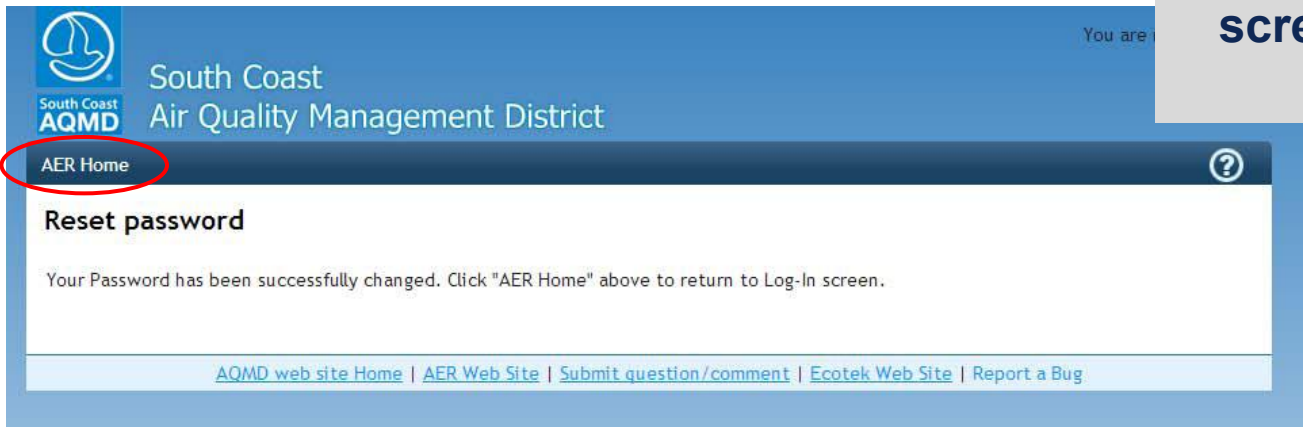
Please enter and confirm your new password in the fields below. A strong password should contain letters, numbers and symbols.

New password

Confirm new password

[AQMD web site Home](#) | [AER Web Site](#) | [Submit question/comment](#) | [Ecotek Web Site](#) | [Report a Bug](#)

**Screens for setting Password.**  
User can return to Log-in screen (Slide #38) via “AER Home” link.



South Coast AQMD Air Quality Management District

You are


**AER Home** ?

### Reset password

Your Password has been successfully changed. Click "AER Home" above to return to Log-In screen.

[AQMD web site Home](#) | [AER Web Site](#) | [Submit question/comment](#) | [Ecotek Web Site](#) | [Report a Bug](#)



# Access Facility



South Coast  
Air Quality Management District

test 2014  
[Logout](#) | [Edit Profile](#)

[AER Home](#) | [Access Facility](#)



## Access Facility

Please enter a facility ID# and PIN code to access facility detail information. Alphanumeric PIN is issued by the SCAQMD to specific facility and must be typed exactly as presented.

If you need assistance on locating the PIN, please contact AER Support by email at [aer@aqmd.gov](mailto:aer@aqmd.gov) or Hotline at (909)396-3660.

Facility ID:

Facility PIN:


Access Facility

[AQMD web site Home](#) | [AER Web Site](#) | [Submit question/comment](#) | [Ecotek Web Site](#) | [Report a Bug](#)

Once logged-in, this screen will be displayed. User can access a facility using Facility ID and PIN code provided by AQMD.

# Select Reporting Year




Click **Open** to access selected facility and start the reporting process.



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Air Quality Management District

test 2014  
[Logout](#) | [Edit Profile](#)

[AER Home](#) | [Access Facility](#) | [Facility Home](#)



### Select Reporting Year

You have successfully logged on to facility ID 999921

**Facility Information**  
Facility ID: 999921  
Facility name: ABC  
Address: 123 1st  
City: LOS ANGELES  
ZIP: 90063

Please select a reporting year from the list below (by clicking on the "OPEN" button for desired reporting year) in order to begin using the AER Program.

If you do not see the reporting period you want to work on, please contact AQMD AER Hotline at 909-396-3660 or [aer@aqmd.gov](mailto:aer@aqmd.gov).

Year	Status	Deadline Submittal Date	
2012	Available	3/5/2013	<a href="#">Open...</a>
2013	Available	3/4/2014	<a href="#">Open...</a>
2014	WorkInProgress	6/4/2015	<a href="#">Open...</a>

### Access Different Facility

Please enter a facility ID# and PIN code to access facility detail information. Alphanumeric PIN is issued by the SCAQMD to specific facility and must be typed exactly as presented.

If you need assistance on locating the PIN, please contact AER Support by email at [aer@aqmd.gov](mailto:aer@aqmd.gov) or Hotline at (909)396-3660.


Facility ID:   
Facility PIN:

[Access Facility](#)

[AQMD web site Home](#) | [AER Web Site](#) | [Submit question/comment](#) | [Ecotek Web Site](#) | [Report a Bug](#)

# Facility Home Page





Click on **Start Here** button to start reporting



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test 2014  
Logout | Edit Profile

AER Home   Access Facility   Facility Home



Facility ID: 999921 • ABC • Reporting period: 2014

**Facility ID: 999921**  
[Facility Information](#)  
[Build Reporting Structure](#)  
    [Combustion Fuels](#)  
    [Emission Sources \(ES\)](#)  
[Report Process/Emissions](#)  
[Summaries](#)  
[Data Validation](#)  
[Print Facility Report](#)  
[Excel Reports](#)  
[Report Submission](#)

This is the Facility Home Page which specifies the main elements of the AER Program. For detail Instructions please click on Help Icon. The main AER elements are accessible on menu on the left, and on this page by clicking on Section name below.

[Import last year](#)

STEP 1) Facility Information

OPEN

This section contains your facility's general information such as business classification, business location, operating schedule and contact information. You can also inform AQMD about your business operating status changes.

**Start Here**

STEP 2) Build Reporting Structure

OPEN

This section is for specifying combustion fuels used in your facility as well as identifying and/or adding emission sources for your facility to the pre-loaded facility permit profile.

STEP 3) Report Process / Emissions

OPEN

This section contains worksheets for reporting your processes, throughput (usage of materials/fuels), emission factors, and other activity data, and calculating emissions for all emissions sources identified in "Set-up Reporting Structure".

STEP 4) Summaries

OPEN

This section allows you to review the resulting emissions from your facility's permitted and non-permitted emission sources. This section also includes detailed report on all fees and amount due.



# Facility General Information



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AQMD

South Coast  
Air Quality Management District

test 2014

[Logout](#) | [Edit Profile](#)

[AER Home](#) [Access Facility](#) [Facility Home](#)



Facility ID: 999921 · ABC · Reporting period: 2014

Facility ID: 999921

## Facility Information

[General](#)

[Address](#)

[Other Information](#)

[Contacts](#)

[Operating Schedule](#)

[GHG Additional Info](#)

[Status Update](#)

[Build Reporting Structure](#)

[Combustion Fuels](#)

[Emission Sources \(ES\)](#)

[Report Process/Emissions](#)

[Summaries](#)

[Data Validation](#)

[Print Facility Report](#)

[Excel Reports](#)

[Report Submission](#)

## Facility Information

This section contains your facility's general information such as business classification, business location, operating schedule and contact information. You can also inform AQMD about your business operating status changes, such as location address change, provide status update, or request an exemption from future emission reports.

### General Facility Info

Facility ID	999921
Reporting Year	2014
RECLAIM	<input checked="" type="checkbox"/>
RECLAIM Designation	R1N
Title V	<input checked="" type="checkbox"/>
AB2588	<input checked="" type="checkbox"/>
- AB2588 Phase	1A
- AB2588 Reporting Year	<input type="checkbox"/>

County	LOS ANGELES ▼
Air Basin	SOUTH COAST ▼

Latitude	<input type="text"/>
Longitude	<input type="text"/>

### Address

# Facility General Information

Facility ID: 999921

## Facility Information

[General](#)

[Address](#)

[Other Information](#)

[Contacts](#)

[Operating Schedule](#)

[GHG Additional Info](#)

[Status Update](#)

[Build Reporting Structure](#)

[Combustion Fuels](#)

[Emission Sources \(ES\)](#)

[Report Process/Emissions](#)

[Summaries](#)

[Data Validation](#)

[Print Facility Report](#)

[Excel Reports](#)

[Report Submission](#)

City  
State  
ZIP

LOS ANGELES  
CA  
90063 - 2597

## Mailing

☒ Same as Equipment Location

## Other Information

NAICS  
Proposed NAICS for Next Year  
SIC  
Proposed SIC for Next Year

811420  
 [NAICS](#)  
3479  
 [SICS](#)

Brief Description of Operation

Industry Type

Amusement Parks ▼ \*

Facility Operating Status

Operating ▼ \*

☒ Check here to include GHG

ARB GHG ID

EPA GHG ID

☐ Check here if your facility produces electricity

☐ Check here to report fugitive emissions subject to Rule [1173](#) and/or [1176](#).

☐ Check here for Small Business as defined in Rule [102](#).

☐ Check this box to report non-routine emissions such as Upsets, Break-down, Spills, Start-up, Shut-down, and Turn-around.

## Contacts

### Main Contact

First Name  
Last Name  
Title

John  
Smith  
VP

# Facility General Information Cont.

**Facility Information**  
General  
Address  
Other Information  
Contacts  
Operating Schedule  
GHG Additional Info  
Status Update  
Build Reporting Structure  
Combustion Fuels  
Emission Sources (ES)  
Report Process/Emissions  
Summaries  
Data Validation  
Print Facility Report  
Excel Reports  
Report Submission

☒ Check here to include GHG  
ARB GHG ID  
EPA GHG ID  
☐ Check here if your facility produces electricity  
☐ Check here to report fugitive emissions subject to Rule [1173](#) and/or [1176](#).  
☐ Check here for Small Business as defined in Rule [102](#).  
☐ Check this box to report non-routine emissions such as Upsets, Break-down, Spills, Start-up, Shut-down, and Turn-around.


**Contacts**  
**Main Contact**  
First Name John  
Last Name Smith  
Title VP  
Telephone # ( 111 ) 111-1111 \* Ext. 11  
Fax # ( 111 ) 111-1112  
Email 111@abc.com  
**Preparer**  
☒ Same as Main Contact  
**Authorized Facility Representative**  
☒ Same as Main Contact  
**Operating Schedule**  
Average Hours Per Day 8  
Average Days Per Week 5  
Average Weeks Per Year 52  
**Additional GHG Information**  
No additional information is required.  
**Save updated information**  
You must click the following button if changes in this form should be saved.  

SaveNext

Click on **Save**, then **Next** button to continue until completed all sections of “Facility Information” including “Status Update”




# Facility General Information Cont.



South Coast  
Air Quality Management District

test 2014  
Logout | Edit Profile

AER HomeAccess FacilityFacility Home



Facility ID: 999921 • ABC • Reporting period: 2014

Facility ID: 999921

Facility Information

General

Address

Other Information

Contacts

Operating Schedule

GHG Additional Info

Status Update

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Combustion Fuels

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Form data is successfully saved.

Facility Information

Status Update

Facility ID999921

☐ Facility Shutdown

☐ Change of Ownership

☐ Change in Equipment Location

☒ Emissions are zero for this year's report, or emissions reduced by 50%

Explanation

Material substitution resulted in 50%

☐ Exemption Request

☐ Use of Alternative Calculation methodology

☐ Other

Save updated information

You must click the following button if changes in this form should be saved.

SaveNext

AQMD web site Home

AER Web Site

Submit question/comment


Ecotek Web Site

Report a Bug

Click on **Save**, then **Next** button on this page will take user to “Combustion Fuels” in “Build Reporting Structure”

# Combustion Fuels





Build a data bank of all fuels being burned



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**[Combustion Fuels](#)**

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**Combustion Fuels Specification**

Specify all the combustion fuels (fuels being burned) used in your facility during the reporting year (do not include fuels used exclusively in vehicles).


[Add New Fuel](#)

Action	Fuel Name	HHV	Default	Comment	Data Source Name
<a href="#">Open</a>	Distillate Fuel Oil No. 2	138.00	YES		
<a href="#">Open</a>	Propane	91.00	YES		

Next

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# Adding A Fuel



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**Edit Combustion Fuel Data**

Fuel	<div>Propane ▼ *</div>
HHV	<div><input checked="" type="checkbox"/> Use Default</div> <div>91.00 mmBtu/1000 gallon</div>
Comment	<div></div>

Save

 or [Cancel](#)

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# Emission Source (ES)

This screen displays a list of Application Numbers and Devices (if available from AQMD permitting Database). Each device is assigned an Emission Source (ES) ID.

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Build Reporting Structure

Emission Sources (ES) Classification

This section contains facility permit profile. Please make sure that every device has a specified Emission Source (ES). New emission sources can also be added.

EPA TANKS Software DATA IMPORT - [Click here](#) for more instructions.

Displaying 36 emission sources. You can use filter to narrow down selection.

A/N

Permit NO

AER Device ID

Permit Device ID

Search Emission Sources


[Add New Emission Source](#)

Search:

Print Preview

Action	A/N	Permit NO	Permit Device ID	Permit Equipment Description	AER Device ID	ES Name	Source Category	Has Emissions	Equipment	ES Status	Process Reference
<a href="#">Open</a>	537024	G123	D22	TANK CHROME PLATING HEXAVALENT	ES36		External Combustion	Y	Boiler <10 MMBTU/HR Stationary I.C. Engines, 4 Stroke-Rich Burn	Work in progress	<a href="#">Reference</a>
<a href="#">Open</a>	309722	D94972	D21	TANKS, NICKEL PLATING LINE	ES35		Internal Combustion	Y	Other process equipment	Work in progress	<a href="#">Reference</a>
<a href="#">Open</a>	398164	F85902	D20	HEATER/FURNACE (5-20 MMBTU/HR) NAT GAS	ES34		Other Processes	Y		Work in progress	<a href="#">Reference</a>
<a href="#">Open</a>	312183	D98850	D19	BOILER (5-20 MMBTU/HR) NAT GAS ONLY	ES33						





# ES Cont.



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**Edit Emission Source**  
Providing correct information and proper selection categories would help to classify emission so

Permitted	<input checked="" type="checkbox"/>
A/N	312183
Permit No	D96650
Permit Device ID	D19
Permit Equipment Description	BOILER (5-20 MMBTU/HR) NAT GAS ONLY
AER Device ID	ES33
ES Name	Boiler #2
Operating ES Status	Normal Operation
Comment	
Emission Source Category	External Combustion <b>Categorize Emission Source *</b>
Equipment	Boiler <10 MMBTU/HR
Design Capacity	8 MILLION BTU PER HOUR

Select as Grouping Model

Save and return to List of Emission Sources or Save and proceed to Process Reporting or [Cancel](#)

Optional: Save and Mark as Completed

Provide a Name for the ES. Then select "ES Status" to specify the operating status. Click on **Categorize Emission Source** (See Next Slide)

# ES Cont.

Categorize Emission Source


Permitted	A/N	Permit No	Permit Device ID	Permit Equipment Description	AER Device ID	ES Name
Yes	312183	D96650	D19	BOILER (5-20 MMBTU/HR) NAT GAS ONLY	ES33 (ESG model)	Boiler #2

1. External Combustion Equipment (e.g., boiler, dryer, oven, furnace, heater, afterburner, flare, kiln or incinerator) [click here](#) to select one the following Equipment:
2. Internal Combustion Equipment (e.g., internal combustion engine (excluding vehicles), turbine or micro turbine) [click here](#) to select one of the following Equipment:
3. Spray Coating/Spray Booth (e.g., coatings, solvents, adhesives, etc.) [click here](#) to select one of the following Equipment:
4. Other Use of Organics (e.g., coatings, solvents, inks, adhesives, etc.) except in Spray Coating/Spray Booth, [click here](#) to select one of the following Equipment:
5. Liquid Storage Tank (e.g. Underground, Aboveground, Small Tanks, Dispensing Systems) [click here](#) to select one of the following Equipment:
6. Fugitive Components (Emission Leaks from Process Components per Rule 462, 1173 and 1176), [click here](#) to select all applicable Equipment:
7. Other Processes (does not fit in any of the groups mentioned above), click [click here](#) to mark "Other Process Equipment":

Save
Cancel



# ES Cont.



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Facility ID: 999921 · ABC · Reporting

Categorize Emission Source

Permitted	A/N	Permit No	Permit Device ID	Permit Equipment Description	AER Device ID
Yes	312183	D96650	D19	BOILER (5-20 MMBTU/HR) NAT GAS ONLY	ES33 (ESG model)

1. External Combustion Equipment (e.g., boiler, dryer, oven, furnace, heater, afterburner, flare, kiln or incinerator) [click here](#) the following Equipment:

☒ Boiler <10 MMBTU/HR

☐ Boiler 10-100 MMBTU/HR

☐ Boiler >100 MMBTU/HR

☐ Oven <10 MMBTU/HR

☐ Oven 10-100 MMBTU/HR

☐ Oven >100 MMBTU/HR

☐ Dryer <10 MMBTU/HR

☐ Dryer 10-100 MMBTU/HR

☐ Dryer >100 MMBTU/HR

☐ Furnace <10 MMBTU/HR

☐ Furnace 10-100 MMBTU/HR

☐ Furnace >100 MMBTU/HR

☐ Heater <10 MMBTU/HR

☐ Heater 10-100 MMBTU/HR

☐ Heater >100 MMBTU/HR

☐ Space/Water heater - not related to a process <10 MMBTU/HR

☐ Afterburner <10 MMBTU/HR


☐ Afterburner 10-100 MMBTU/HR

☐ Afterburner >100 MMBTU/HR

☐ Kilns

☐ Incinerator

☐ Flare


 If this combustions source (device) also results in Process Emissions in addition to combustion emissions make sure to mark "Other Process Emissions" check box in question 7.

Save

Cancel

Click on the applicable Emission Source for each ES and select the applicable equipment type then **Save**

# ES Cont.

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**Edit Emission Source**  
Providing correct information and proper selection categories would help to classify emission source.

Permitted	<input checked="" type="checkbox"/>
A/N	312183
Permit No	D96650
Permit Device ID	D19
Permit Equipment Description	BOILER (5-20 MMBTU/HR) NAT GAS ONLY
AER Device ID	ES33
ES Name	<input type="text" value="Boiler #2"/>
Operating ES Status	<input type="text" value="Normal Operation"/>
Comment	<input type="text"/>
Emission Source Category	External Combustion <b>Categorize Emission Source</b>
Equipment	Boiler <10 MMBTU/HR
Design Capacity	<input type="text" value="8"/> <input type="text" value="MILLION BTU PER HOUR"/>


**Save and return to List of Emission Sources** or **Save and proceed to Process Reporting** or [Cancel](#)

Optional: Save and Mark as Completed

To choose to define all Emission Sources prior to reporting emissions (Navigation path #1), click on **Save** and **Return to List of Emission Sources**



# ES Cont.

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**Edit Emission Source**  
Providing correct information and proper selection categories would help to classify emission source.

Permitted	<input checked="" type="checkbox"/>
A/N	312183
Permit No	D96650
Permit Device ID	D19
Permit Equipment Description	BOILER (5-20 MMBTU/HR) NAT GAS ONLY
AER Device ID	ES33
ES Name	<input type="text" value="Boiler #2"/>
Operating ES Status	<input type="text" value="Normal Operation"/>
Comment	<input type="text"/>
Emission Source Category	External Combustion <b>Categorize Emission Source</b>
Equipment	Boiler <10 MMBTU/HR
Design Capacity	<input type="text" value="8"/> <input type="text" value="MILLION BTU PER HOUR"/>

Save and return to List of Emission Sources

or

**Save and proceed to Process Reporting**


or [Cancel](#)

Optional: Save and Mark as Completed

**Choose to report your process emissions immediately after defining each ES**  
(Navigation path #2), **click on Save and Proceed to Process Reporting**

# Access Emissions Worksheets





Click on “[Report Process/Emissions](#)” to see a list of all worksheets that were assigned based on information provided on Emission Sources section



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**Report Process/Emissions**

This section contains worksheets for reporting your processes, throughput (usage of materials/fuels), emission factors, and other activity data, and calculating emissions for all emissions sources identified in “Set-up Reporting Structure”.

External Combustion (2)	OPEN
Internal Combustion (2)	OPEN
Other Processes (1)	OPEN

# Internal Combustion Process List





By clicking on each worksheet name, a list of all processes for the worksheet will be displayed.



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**[Internal Combustion](#)**  
[Use of organics](#)  
[Spray Coating/Spray Booth](#)  
[Other Use of Organics](#)  
[Storage Tanks](#)  
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## Internal Combustion

Please provide specific information for every process associated with your internal combustion Emission Sources including usage, emission factor, and control efficiency (if any). You must select Fuel and throughput units before reporting emissions. Detailed instructions are available by clicking on Help icon in the tool bar.

### Internal Combustion Process List Overview

[Add New](#)[Print Preview](#)

	AER Device ID	Permit Device ID	A/N	Process ID	Status	Equipment	Fuel
<a href="#">Open</a>	<a href="#">ES35</a>	D21	309722	P1	Work in Progress	Stationary I.C. Engines, 4 Stroke-Rich Burn	
<a href="#">Open</a>	<a href="#">ES13</a>	D8	555555	P1	Work in Progress	Stationary I.C. Engines, 4 Stroke-Rich Burn	Distillate Fuel Oil No. 2

Search:

# Process Reference Window.



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Facility ID: 999142 · ABC · Reporting period: 2014

Facility ID: 999142

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[Emission Sources \(ES\)](#)  
[Report Process/Emissions](#)  
[Sun](#)  
[Dat](#)  
[Pri](#)  
[Exc](#)  
[Rep](#)

Form data is successfully saved.

## Build Reporting Structure

### Emission Sources (ES) Classification

#### Process References

A/N	Permit NO	Permit Device ID	Permit Device Description	AER Device ID	ES Name	Source Group	Emissions?	Equipment	ES Status
123456	D1234	D1	BOILER (<10 MMBTU/HR) NAT GAS ONLY	ES1	boiler 1	External Combustion	Y	Boiler <10 MMBTU/HR	Work in progress

Process ID	Source Group	Process Name	Process Status	Operation Type
<div>Open</div> P1	External Combustion		Work in progress	routine

Add Process

OK

Search:

Permit

Permit

Permit Equipment

AER

ES

Source

Has

ES

Process

# Worksheet Main Sections

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Facility Information

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Combustion Fuels

Emission Sources (ES)

Report Process/Emissions

Combustion

External Combustion

**Internal Combustion**

Use of organics

Spray Coating/Spray Booth

Other Use of Organics

Storage Tanks

Fugitive Components

Other Processes

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## Internal Combustion

Please provide specific information for every process associated with your internal combustion Emission Sources including usage, emission factor, and control efficiency (if any). You must select Fuel and throughput units before reporting emissions. Detailed instructions are available by clicking on Help in the tool bar.

Step 1) Process Info: Click **Open** to complete

### Step 1: Process

Optional: Mark as Completed

	AER Device ID	Permit Device ID	A/N	Process ID	Rule #	Equipment	Fuel
<a href="#">Open</a>	ES13	D8	555555	P1	1470	Stationary I.C. Engines, 4 Stroke-Rich Burn	Distillate Fuel

Click here to [delete](#) this process

Step 2) Throughput Info: Click **Open** to complete

### Step 2: Throughput

	Annual Throughput	Criteria/Toxic Throughput	GHG Throughput
<a href="#">Open</a>	2,000.00000000 bbl	84.00 M gal	84,000.00 gal

### Step 3: Criteria Emissions (lbs)

Use [Default Emission Factors](#) if available

	Pollutant	EF	Unit	EF Data Source	Emission
<a href="#">Open</a>	VOC	37.500000	lbs / M gal	AQMD default	3,750.00
<a href="#">Open</a>	NOx	469.000000	lbs / M gal	AQMD default	39,120.00
<a href="#">Open</a>	SOx	0.210000	lbs / M gal	AQMD default	21.00
<a href="#">Open</a>	CO	102.000000	lbs / M gal	AQMD default	8,568.00

Step 3) **Suggest Defaults Factors** will assign criteria and GHG defaults (if available)

# Process Information

Edit Emission Process - Internal Combustion

AER Device ID	Permit Device ID	A/N	Process ID	Rule #	Equipment	
ES13	D8	555555	P1	1470	Stationary I.C. Engines, 4 Stroke-Rich Burn	Disti No. 1

AER Device ID

ES13

PERMITTED

Process ID

P1

Process Comment

Fuel

Distillate Fuel Oil No. 2 ▼

Rule #

1470 ▼

Equipment

Stationary I.C. Engines, 4 Stroke-Rich Burn ▼

AER Device Name

ICE #1

Permit Device ID

D8

Process Name

\* Add Rule

Save

Cancel

The drop list consists of the fuels listed in the [Combustion Fuels](#) section. Select fuel type before you proceed (fuel type determines corresponding throughput units and assigns default EFs).



# Throughput

Based on fuels selected, different options for throughput units will be offered:

**Edit Throughput Information - Internal Combustion**

AER Device ID	Permit Device ID	A/N	Process ID	Rule #	Equipment	Fuel
ES13	D8	555555	P1	1470	Stationary I.C. Engines, 4 Stroke-Rich Burn	Distillate Fuel Oil No. 2

Annual Throughput	Criteria/Toxic Throughput	GHG Throughput
Fuel Usage (Annual Throughput)	2000 * bbl *	
Throughput Type	Input *	
Fuel Usage Comment	Optional Comment	

Save Cancel

Enter throughput and units,  
then save.

Application will automatically convert throughput to units needed to calculate criteria and GHG emissions.

## Throughput

	Annual Throughput	Criteria/Toxic Throughput	GHG Throughput
<a href="#">Open</a>	2,000.0 bbl	84.0 M gal	84,000.0 gal

# Using Default EF

## Combustion

### External Combustion

Internal Combustion

Use of organics

Spray Coating/Spray Booth

Other Use of Organics

Storage Tanks

Fugitive Components

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## Step 1: Process

Optional: Mark as Completed

	AER Device ID	Permit Device ID	A/N	Process ID	Rule #	Equipment	Fuel
<a href="#">Open</a>	ES1	D1	123456	P1	474	Boiler <10 MMBTU/HR	Natural Gas

Click here to [delete](#) this process.

## Step 2: Throughput

	Annual Throughput	Criteria/Toxic Throughput	GHG Throughput
<a href="#">Open</a>	therms		

## Step 3: Criteria Emissions (lbs)

Use [Default Emission Factors](#) if available.

	Pollutant	EF	Unit	EF Data Source	Emissions
<a href="#">Open</a>	VOC	5.500000	lbs /	AQMD default	
<a href="#">Open</a>	NOx	100.000000	lbs /	AQMD default	
<a href="#">Open</a>	SOx	0.600000	lbs /	AQMD default	
<a href="#">Open</a>	CO	84.000000	lbs /	AQMD default	
<a href="#">Open</a>	PM	7.600000	lbs /	AQMD default	

## Step 4: Toxic (TAC/ODC) Emissions (lbs)

	TAC/ODC Group	CAS #	EF	Unit	EF Data Source	Emissions
<a href="#">Open</a>	Benzene	71432	8.00000e-3	lbs /	AQMD default	
<a href="#">Open</a>	Formaldehyde	50000	1.70000e-2	lbs /	AQMD default	
<a href="#">Open</a>	PAHs [PAH, POM]	1151	1.00000e-4	lbs /	AQMD default	
<a href="#">Open</a>	PAHs [PAH, POM]	91203	3.00000e-4	lbs /	AQMD default	
<a href="#">Open</a>	Ammonia	7664417	1.80000e+1	lbs /	AQMD default	
<a href="#">Add New</a>						



# Specific EF

To enter specific EF, select pollutant, un-check Use Default, enter specific EF value and select Emissions Factor Data Source.

Open Criteria Emission Information - Internal Combustion

AER Device ID	Permit Device ID	A/N	Process ID	Rule #	Equipment	Fuel
ES13	D8	555555	P1	1472	Stationary I.C. Engines, 4 Stroke-Rich Burn	Distillate Fuel Oil No. 2
Annual Throughput		Criteria/Toxic Throughput			GHG Throughput	
2,000.0 bbl		84.0 M gal			84,000.0 gal	

Throughput used to calculate emissions: 84.0 M gal

Pollutant

NOx - Nitrogen Oxides

Emission Factor (EF)

395.00

\* lbs/M gal

☐

Use default

☒

RECLAIM

Emission Factor Comment

Emission Factor Data Source

Source Test

▼\*

Emissions

39,396.00 lbs

Save

Cancel





# Choose Different Worksheets



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## Other Processes

This reporting screen is for reporting activity data for other processes used in your facility which were not covered in previous reporting screens. Please provide specific information for every associated emission source. You must select Activity and throughput units before reporting emissions. If the operation of such sources involves burning fuels, make sure emissions generated from burning fuels are reported separately. Combined emissions can also be reported here; however, it must be substantiated to avoid double reporting. Detailed instructions are available by clicking on Help icon in the tool bar.

## Other Process Emissions Process List Overview

[Add New](#)

[Print Preview](#)

	AER Device ID	Permit Device ID	A/N	Process ID	Status	Activity	Throughput	Units
<a href="#">Open</a>	<a href="#">ES34</a>	D20	398164	P1	Work in Progress		0	

Search:

Select different worksheets from the left menu. To select process, click on [Open](#).

# General Worksheet Approach

Facility ID: 999921

Facility Information  
Build Reporting Structure  
Combustion Fuels  
Emission Sources (ES)  
**Report Process/Emissions**

Combustion  
External Combustion  
Internal Combustion  
Use of organics  
Spray Coating/Spray Booth  
Other Use of Organics  
Storage Tanks  
Fugitive Components  
**Other Processes**  
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Facility ID: 999921 · ABC · Reporting period: 2014

## Other Processes

This reporting screen is for reporting activity data for other processes used in your facility which were not covered in previous reporting screens. Please provide specific information for every associated emission source. You must select Activity and throughput units before reporting emissions. If the operation of such sources involves burning fuels, make sure emissions generated from burning fuels are reported separately. Combined emissions can also be reported here; however, it must be substantiated to avoid double reporting. Detailed instructions are available by clicking on Help icon in the tool bar.

### Step 1: Process

Optional: Mark as Completed

	AER Device ID	Permit Device ID	A/N	Process ID	Rule #	Activity
<a href="#">Open</a>	434	D20	398164	P1		

Click here to [delete](#) this process

### Step 2: Throughput

	Annual Throughput
<a href="#">Open</a>	

### Step 3: Criteria Emissions (lbs)

	Pollutant	EF	Unit	Controlled EF	EF Data Source	Overall CE	Emissions
<a href="#">Add New</a>							

### Step 4: Toxic (TAC/ODC) Emissions (lbs)

	TAC/ODC Group	CAS #	EF	Unit	Controlled EF	EF Data Source	Overall CE	Emissions
<a href="#">Add New</a>								

### Step 5: GHG Emissions (kilograms)

	Pollutant	EF	Unit	EF Data Source	EF Methodology	Emissions	Units	GWP	CO2e
<a href="#">Add New</a>									

Step 1) Process info:  
Click [Open](#) to complete

Step 2) Throughput info: Click [Open](#) to complete

Step 3) Emissions:  
Click [Add New](#) to select pollutant. For example select VOC for pollutant and enter data for VOC

# General Worksheet Approach

separately. Combined emissions can also be reported here; however, it must be substantiated.

### Edit Emission Process - Other Processes

AER Device ID	Permit Device ID	A/N	Process ID	Rule #	Activity
ES34	D20	398164	P1		

AER Device ID: ES34  
PERMITTED  
AN: 398164  
Process ID: P1  
Process Comment:

AER Device Name:   
Permit Device ID: D20  
Process Name:

Activity Code \* Sector:

Industry:

Operation:

Process:

Rule #:  \*

**Save** **Cancel**

# Entering VOC Data

Select pollutant, enter EF, Overall Control Efficiency (in decimal), if any, and source of data.

**Open Criteria Emission Information - Other Processes**

AER Device ID	Permit Device ID	A/N	Process ID	Rule #	Activity
ES34	D20	398164	P1		
Annual Throughput					

Pollutant: **VOC** \*

Emission Factor (EF): **1.2000** \* lbs/  
☐ Controlled EF value  
(mark checkbox if EF listed represents EF determined after control)

Overall Control Efficiency: **0.80000**

Emission Factor Comment:

Emission Factor Data Source: **MSDS** \*

Emissions: 0.00 lbs

**Save** **Cancel**

# Summaries



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## Criteria Pollutants Summary

### Permitted Emissions Summary

	VOC (tons)	SPOG (tons)	NOx (tons)	NOx RECLAIM (tons)	SOx (tons)	SOx RECLAIM (tons)	CO (tons)	PM (tons)
External Combustion								
Internal Combustion	<a href="#">1.58</a>			<a href="#">19.70</a>	<a href="#">0.01</a>		<a href="#">4.28</a>	<a href="#">1.41</a>
Spray Coating/ Spray Booth								
Other Use of Organics								
Storage Tanks								
Fugitive Components								
Other Process Emissions								
Shutdown/Startup/Turnaround and Upsets								
Total Permitted Emissions	1.58	0.00	0.00	19.70	0.01	0.00	4.28	1.41

### Non-Permitted Emissions Summary

	VOC (tons)	SPOG (tons)	NOx (tons)	NOx RECLAIM (tons)	SOx (tons)	SOx RECLAIM (tons)	CO (tons)	PM (tons)
External Combustion								
Internal Combustion								
Spray Coating/ Spray Booth								
Other Use of Organics								
Storage Tanks								
Fugitive Components								
Other Process Emissions								
Shutdown/Startup/Turnaround and Upsets								
Total Non-Permitted Emissions	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00



# Summaries Cont.

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**Toxic (TAC/ODC)  
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## TAC/ODC Pollutants Summary

### Toxic Air Contaminants (TAC) / Ozone Depleting Compounds (ODC) Emissions and Fees Summary

TAC Group	TAC / ODC	Reference	Annual Emissions (lbs)	Emissions Subject to Fee (lbs)	Fee Rates (\$/lbs)	Fee Due
32	Ammonia	<a href="#">Reference</a>	2.436e+2	244	0.03	7.32
1	Asbestos	<a href="#">Reference</a>	1.565e+1	16	1.97	31.52
2	Benzene	<a href="#">Reference</a>	1.826e+1	18	5.85	105.30
3	Beryllium	<a href="#">Reference</a>	1.260e-1	0	5.85	0.00
4	Butadiene [1,3]	<a href="#">Reference</a>				
5	Cadmium	<a href="#">Reference</a>				
6	Carbon tetrachloride					
7	Chlorinated dioxins and dibenzofurans					
8	1,4-Dioxane					
9	Ethylene dibromide {1,2-Dibromoethane}					
10	Ethylene dichloride {1,2-Dichloroethane}					
11	Ethylene oxide					
12	Formaldehyde	<a href="#">Reference</a>	1.450e+2			
13	Chromium, hexavalent (and compounds)	<a href="#">Reference</a>	8.400e-3			
14	Arsenic and Compounds (inorganic)	<a href="#">Reference</a>	1.344e-1	0	5.85	0.00
15	Lead compounds (inorganic)	<a href="#">Reference</a>	6.972e-1	1	1.97	1.97
16	Methylene chloride {Dichloromethane}					
17	Nickel	<a href="#">Reference</a>	3.276e-1	0	3.88	0.00
18	Perchloroethylene {Tetrachloroethene}					
19	PAHs [PAH, POM]	<a href="#">Reference</a>	4.696e+0	5	5.85	29.25
20	Trichloroethylene					
21	Vinyl chloride					
22	Fluorocarbons (chlorinated)					
	Methyl chloroform [1,1,1-]					

References			
	Reference	Process Type	Emissions (lbs)
<a href="#">ES13</a>	<a href="#">P1</a>	Internal Combustion	1.565e+1
<a href="#">ES33</a>	<a href="#">P1</a>	External Combustion	4.259e-4
OK			



# Summaries Cont.



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## GHG Pollutants Summary

	CO2 (excluding biogenic) [metric ton]	CH4 [metric ton]	N2O [metric ton]	CO2e (excluding biogenic) [metric ton]	CO2b (biogenic) [metric ton]
External Combustion					
Internal Combustion	857.4	0.03	0.010	860.2	
Spray Coating/ Spray Booth					
Other Use of Organics					
Storage Tanks					
Fugitive Components					
Other Process Emissions					
Shutdown/Startup/Turnaround and Upsets					
Total Emissions	857.4	0.03	0.010	860.2	0.0

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# Summaries Cont.

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## Fees


### Total Emissions and Fees

	Total Permitted Emissions (tons)	Total Non-Permitted Emissions (tons)	Total RECLAIM Emissions (tons)	Total Emissions (tons)	Total Emissions Subject to Fees (tons)	Emission Fees Due
Organic Gasses	1.58	0.00	0.00	1.58	0	\$ 0.00
Specific Organics	0.00	0.00	0.00	0.00	0	\$ 0.00
Nitrogen Oxides	0.00	0.00	19.70	19.70	20	\$ 5,649.95
Sulfur Oxides	0.01	0.00	0.00	0.01	0	\$ 0.00
Carbon Monoxide	4.28	0.00	0.00	4.28	0	\$ 0.00
Particulate Matter	1.41	0.00	0.00	1.41	0	\$ 0.00

1.	Total emission fees for all criteria pollutants	\$ 5,649.95										
2.	Toxic air contaminants/ ozone depleter fees	\$ 241.74										
3.	Total fees due	\$ 5,891.69										
4.	Installments Paid For 2014 (if any): All Criteria Pollutants	\$ 1,000.00										
5.	Installments Paid For 2014 (if any): Toxic Air Contaminants/Ozone Depleters	\$ 500.00										
6.	Balance Due (Line 3 - Line 4 - Line 5)	\$ 4,391.69										
7.	Late Payment Surcharge (enter the postmark date to calculate the late payment surcharge)	Report Deadline 6/4/2015  Postmark Date (MM/DD/YYYY) 03/03/2015  Late Payment Surcharge \$ 0.00										
	<table><tr><th>Days Late</th><th>Surcharge</th></tr><tr><td>&lt; 30 Days</td><td>5%</td></tr><tr><td>30 to 90 Days</td><td>15%</td></tr><tr><td>91 Days to 1 Year</td><td>25%</td></tr><tr><td>&gt; 1 year</td><td>50%</td></tr></table>	Days Late	Surcharge	< 30 Days	5%	30 to 90 Days	15%	91 Days to 1 Year	25%	> 1 year	50%	
Days Late	Surcharge											
< 30 Days	5%											
30 to 90 Days	15%											
91 Days to 1 Year	25%											
> 1 year	50%											
8.	Amount Due (Line 6 + Line 7) Please write AER Facility ID#(s) and 2014 AER on the check	\$ 4,391.69										

Save







# Data Validation



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Facility ID: 999915

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Data Validation

Rule	ES/Process	Type of Errors or Warnings
V03	<a href="#">Facility</a>	Error: No emissions are reported, please return to the Status Update and provide an explanation for no emissions.
V01	<a href="#">ES1</a>	Error: This field is mandatory, but is missing. (Equipment)
V02	<a href="#">ES1</a>	Error: No emissions were reported for this Emission Source, report the emissions OR if this source does not have emissions: correct Emission Source Status Code.

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# Submit Report



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Facility ID: 999917 · ABC · Reporting period: 2014

## Facility ID: 999917

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  - [Emission Sources \(ES\)](#)
- [Report Process/Emissions Summaries](#)
- [Data Validation](#)
- [Print Facility Report](#)
- [Excel Reports](#)
- [Report Submission](#)**

## Report Submission

- Validation check:
  - Errors: 0
  - Warnings: 0
- Please review the [Summary](#) before submitting your report.
- Submittal Date (MM/DD/YYYY):
  - Today: 1/6/2015
  - Facility Report Deadline: 6/4/2015
- [Submit Report](#)

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# Print Report Submittal

Print the required submittal forms, sign the Signature Sheet (a check for fees due, if applicable) and mail to the SCAQMD.

The screenshot displays the South Coast Air Quality Management District (AQMD) web portal. The header includes the AQMD logo, the text "South Coast Air Quality Management District", and user options "test 2014", "Logout", and "Edit Profile". A navigation bar contains links: "AER Home", "Browse Facilities", "Access Facility", and "Facility Home", along with icons for user profile, calculator, printer, home, and help. A yellow banner indicates "Submitted · Facility ID: 999917 · ABC · Reporting period: 2014".

**Facility ID: 999917**

**Report Submission**

Successfully submitted. Please remember that if any changes are needed, the Amendment needs to be submitted.

Please Print the submittal forms:

1. [Signature Sheet \(Form X\)](#)  
Sign the Signature Sheet and be sure to mail them on time.
2. [Facility Status Update](#)
3. [Fees Due Summary](#)
4. [Toxic Air Contaminants and Ozone Depletes Emissions/Fee Summary](#), if applicable Other Toxic Air Contaminants Emissions Summary (only applicable to AB2588 facilities for their quadrennial report)
5. [Confirmation](#)

Please remember that all records and calculations used in completing this report are recommended to be retained for a minimum of five years. Please make a copy of complete submittal including supporting documentations and complete printout.

**Facility Dashboard**  
**Reported Summaries**

**Facility Information**  
**Build Reporting Structure**  
Combustion Fuels  
Emission Sources (ES)  
**Report Process/Emissions Summaries**  
Data Validation  
Print Facility Report  
Excel Reports  
**Report Submission**

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# Print Report Submittal

Print the required submittal forms, sign the Signature Sheet (a check for fees due, if applicable) and mail to the SCAQMD.

The screenshot displays the South Coast AQMD Air Quality Management District website. The header includes the logo and navigation links for AER Home, Access Facility, and Facility Home. The main content area is titled 'Facility Report' and shows the Facility ID: 999122. The left sidebar contains a list of links: Facility Information, Build Reporting Structure, Combustion Fuels, Emission Sources (ES), Report Process/Emissions, Summaries, Data Validation, Print Facility Report (highlighted), Excel Reports, and Report Submission. The main content area has sections for Combination Reports, Individual Reports, General, Worksheets Overview, and Summaries, each with a list of items and checkboxes. A 'Print Selected Pages' button is located at the bottom of the main content area. The footer contains links to AQMD web site Home, AER Web Site, Submit question/comment, Ecotek Web Site, and Report a Bug.

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South Coast AQMD Air Quality Management District

AER Home Access Facility Facility Home

Facility ID: 999122 • ABC Co • Reporting period: 2013

**Facility ID: 999122**

**Facility Information**

**Build Reporting Structure**

Combustion Fuels

Emission Sources (ES)

**Report Process/Emissions**

**Summaries**

**Data Validation**

**Print Facility Report**

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**Facility Report**

**Combination Reports**

☐ AER Report (all listed below)

**Individual Reports**

**General**

☐ Signature Sheet

☐ Status Update

**Worksheets Overview**

☐ External Combustion Process List Overview

☐ Internal Combustion Process List Overview

**Summaries**

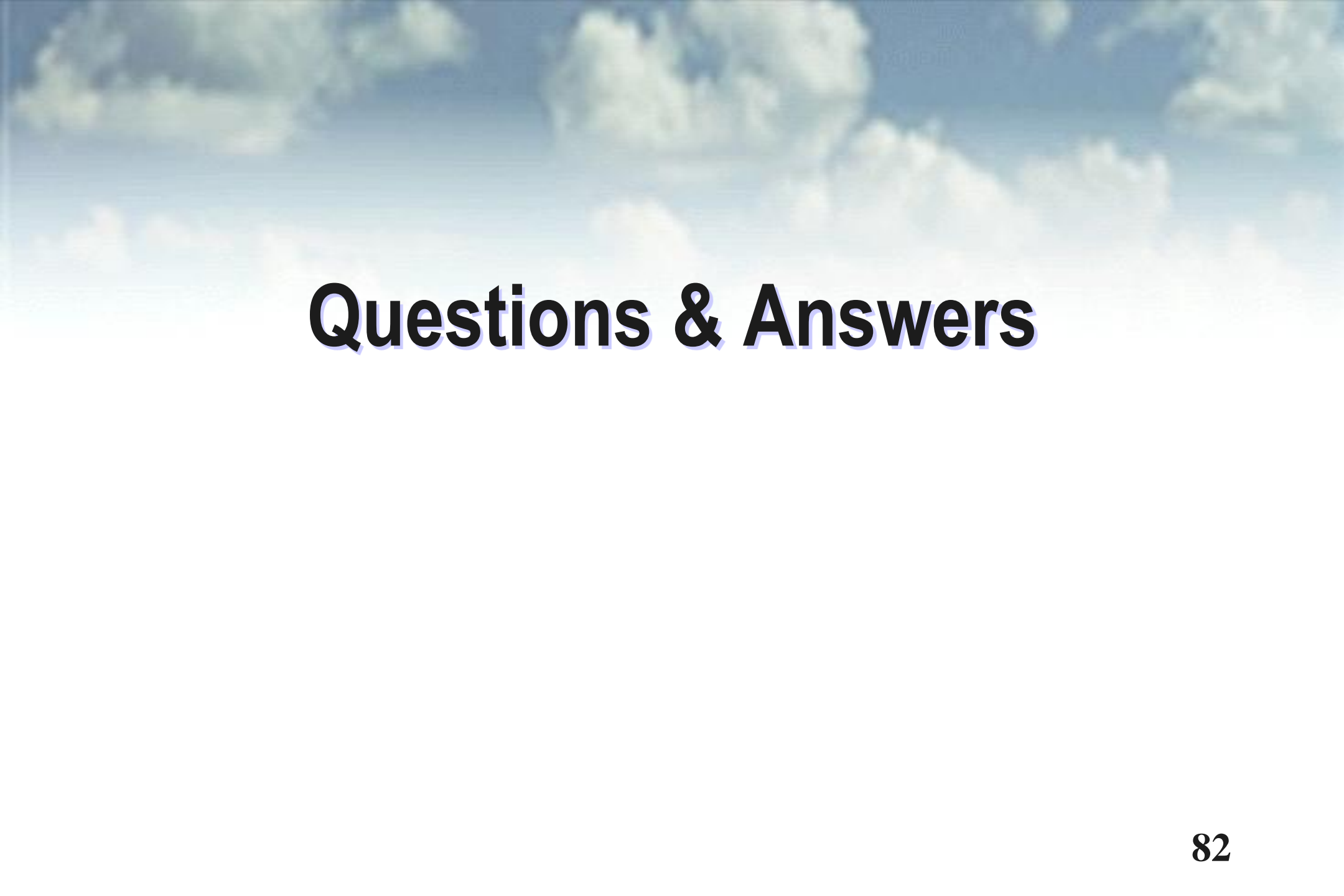
☐ Criteria Pollutants Summaries

☐ Toxic Pollutants Summaries

☐ Total Emissions and Fees

**Print Selected Pages**

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# Questions & Answers